

Converting Colors

HunterLab(16.5078, 14.0801,
7.8211)

Have a look what the booklet for
HunterLab(16.5078, 14.0801,
7.8211) contains.

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Color

**HunterLab(16.5288, 14.1959,
7.8886)**

Conversions

Conversions Part 1

Format	Color
Hex	511E15
RGB	81, 30, 21
RGB Percent	32%, 12%, 8%
CMY	0.6824, 0.8823, 0.9176
CMYK	0.00, 0.63, 0.74, 0.68
HSL	9°, 59%, 20%
HSV	9°, 74%, 32%
XYZ	3.9930, 2.7320, 1.0263
YIQ	44.2230, 33.2850, 8.0130

Conversions

Conversions Part 2

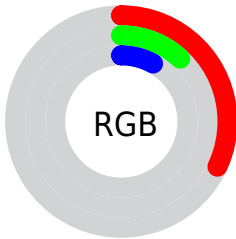
Format	Color
R_{YB}	81, 32, 21
Decimal	5316117
CIE Lab	18.94, 23.22, 17.99
CIE LCh	19, 29.375, 37.761
Yxy	2.7322, 0.5151, 0.3525
Android (android.graphics.Color)	4283506197 (0xFF511E15)
YUV	44.2230, -11.4489, 32.2534
Hunter-Lab	16.5288, 14.1959, 7.8886

Details

The HunterLab color **16.5288, 14.1959, 7.8886** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **23.2117, -9.0018, -5.7387**, and the grayscale version is **15.9727, -0.8523, 0.8678**.

A 20% lighter version of the original color is **32.5690, 16.1240, 11.5211**, and **5.5612, 9.5631, 3.2880** is the 20% darker color. If you saturate the color by 10%, you get **15.4778, 16.4388, 8.3794**, and if you desaturate by 10%, it is **17.7614, 11.8747, 7.2504**.

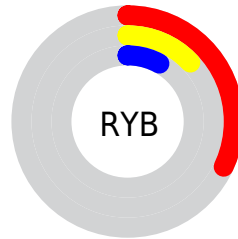
Distribution



Red (32%)

Green (12%)

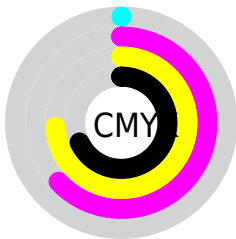
Blue (8%)



Red (32%)

Yellow (13%)

Blue (8%)

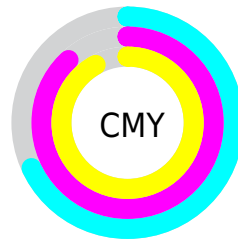


Cyan (0%)

Magenta (63%)

Yellow (74%)

Black (68%)



Cyan (68%)

Magenta (88%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.5288, 14.1959, 7.8886 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 16.5288, 14.1959, 7.8886 by changing the saturation by 10% instead.

■ 16.5288, 14.1959,
7.8886

■ 16.5288, 14.1959,
7.8886

■ 111.7771, 19.6371,
22.6946

■ 9.9677, 12.9673,
6.9774

■ 32.5925, 16.1757,
11.6293

0.0000, INF, NaN

0.0000, NaN, NaN

■ 41.8849, 16.9587,
13.3312

0.0000, NaN, NaN

■ 51.9234, 17.6264,
14.9682

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 62.6561, 18.1927,
16.5602

0.0000, NaN, NaN


■ 74.0407, 18.6687,
18.1205


0.0000, NaN, NaN


■ 86.0419, 19.0634,


0.0000, NaN, NaN


19.6587


 98.6294, 19.3841,
21.1816


 16.5288, 14.1959,
7.8886


 16.5288, 14.1959,
7.8886

 15.4778, 16.4388,
8.3794


 17.7614, 11.8747,
7.2504


 14.6198, 18.4718,
8.7730

 19.1536, 9.5613,
6.5006

 14.1986, 19.4883,
9.0903

 20.6854, 7.3062,
5.6711

 22.3386, 5.1373,
4.7866

 24.0971, 3.0656,
3.8649

■ 25.9472, 1.0918,
2.9181

■ 27.8777, -0.7892,
1.9546

■ 29.8790, -2.5852,
0.9794

■ 31.9434, -4.3053,
-0.0038

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



16.5293, 18.7228, 2.8721



16.5288, 14.1959, 7.8886



16.5293, 5.7979, 10.2010

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



16.5293, 14.1946, 7.8889



16.5293, -13.4953, 5.7847



16.5293, 1.3922, -23.2462

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



16.5288, 14.1959, 7.8886



23.2117, -9.0018, -5.7387

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



16.5293, -6.6466, -21.0539



16.5288, 14.1959, 7.8886



16.5293, -14.2030, -1.3503

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



16.5293, 14.1946, 7.8889



16.5293, -9.7797, 9.2062



16.5293, -11.9588, -11.7990



16.5293, 10.4148, -16.8115

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16.5288, 14.1959, 7.8886



16.5293, -0.2368, 10.7434



16.5293, -11.9588, -11.7990



16.5293, -1.5191, -23.5354

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



16.5293, 14.1946, 7.8889



31.7419, 3.6523, 4.8800



16.5938, 22.9300, -11.2793



15.9950, 2.0495, 2.5734



67.9972, -3.6282, 3.6944



19.0543, -1.0167, 1.0353

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



16.5293, 14.1946, 7.8889



19.2785, 23.6122, 11.2716



22.4392, 1.6553, 11.9813



13.9393, 0.0391, 1.2430



18.2687, 26.2017, 11.7158



42.8434, 66.2238, 27.5593

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



23.2117, -9.0018, -5.7387



29.1500, -11.9604, -9.1843



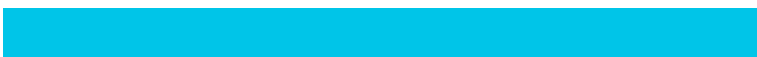
15.5224, 2.9925, -20.1169



14.4123, -1.5057, 0.2994



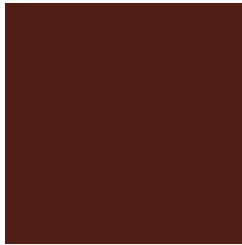
28.5177, -11.8015, -10.1685



67.7250, -27.3474, -25.6151

Previews

White Background



This preview shows how the HunterLab color 16.5288, 14.1959, 7.8886 looks on a white background.

Color Contrast Check

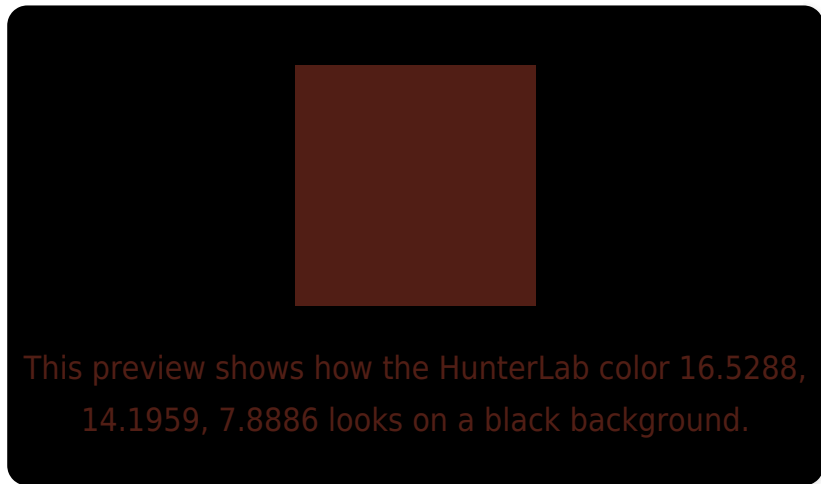
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

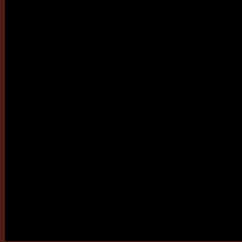
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 16.5288, 14.1959, 7.8886 Background



This preview shows how black text looks on a background with the HunterLab color 16.5288, 14.1959, 7.8886.

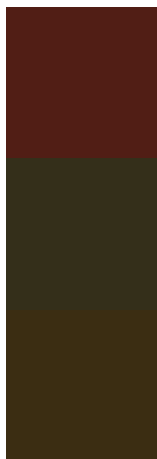


This preview shows how white text looks on a background with the HunterLab color 16.5288, 14.1959,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

16.5288, 14.1959, 7.8886

Protanopia

16.8454, -1.7261, 6.9101

Deuteranopia

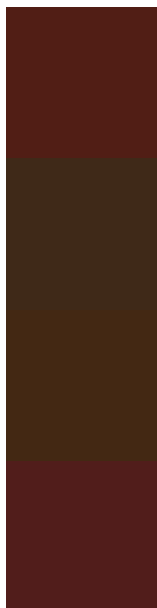
16.8827, 0.6009, 8.4038



Tritanopia

16.4979, 15.1325, 6.0166

Trichromacy



Original Color

16.5288, 14.1959, 7.8886

Protanomaly

16.4578, 3.8203, 7.0949

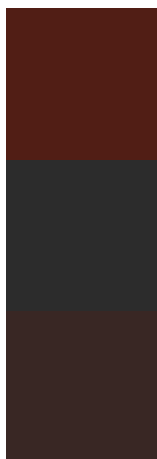
Deuteranomaly

16.6069, 5.2373, 8.1252

Tritanomaly

16.4535, 14.9324, 6.6635

Monochromacy



Original Color

16.5288, 14.1959, 7.8886

Achromatopsia

15.8704, -0.8468, 0.8623

Achromatomaly

15.6469, 3.7764, 3.3832

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.5288, 14.1959, 7.8886 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(81, 30, 21)` looks like.

```
.text, #text, p{  
    color:rgb(81, 30, 21)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(81, 30, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 30, 21) }
```

Border

The CSS property to change the border of an element to HunterLab 16.5288, 14.1959, 7.8886 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(81, 30, 21) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(81, 30, 21) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(81, 30, 21) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 30, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 30, 21);  
box-shadow:4px 4px 4px 4px rgb(81, 30, 21)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 16.5288, 14.1959, 7.8886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 30, 21) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(81, 30,  
21) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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